

ABSTRACT OF THE DISCLOSURE

A four-line CCD sensor is structured by line  
sensors R, G, B in which color filters are respectively  
disposed on surfaces of light receiving elements, and a  
5 line sensor BK at which no color filter is disposed.  
Amplitudes of signals which are outputted from the line  
sensors R, G, B at a time of reading a color document,  
and an amplitude of a signal which is outputted from  
the line sensor BK at a time of reading a monochrome  
10 document are adjusted so as to be substantially equal  
to one another. In a case in which a color document is  
read, outputs of the line sensors R, G, B are  
selectively provided, and in a case in which a  
monochrome document is read, output of the line sensor  
15 BK is selectively provided.